

In re Appln. No. 10/021,571

Confirmation No.: 9320

clustering of proteins involved in ion channel formation,
comprising the amino acid sequence of:

- (A) SEQ ID NO:2;
- (B) SEQ ID NO:4;
- (C) a fragment of the polypeptide of SEQ ID NO:2;
- (D) a fragment of the polypeptide of SEQ ID NO:4; or
- (E) a functional derivative or a salt of (A), (B), (C),

or (D),

a! wherein said fragments (C) and (D) and said functional derivatives or salt (E) have the properties of associating with TrkA and p75 neurotrophin receptors, being a target for phosphorylation by neurotrophin and ephrin receptor tyrosine kinase, enhancing neurotransmitter release, and modulating the clustering of proteins involved in ion channel formation.

~~Please cancel claims 8 and 9 without prejudice.~~

~~Please cancel non-elected claims 10-34 without prejudice to the filing of a divisional application thereon.~~